

Risk Assessment – Quad Bikes

Area of Operation: quad bikes and go karting

Who is at risk?

- Staff
- Students
- Members of the public

Hazards	Risks	Safety Measures to Control Risks
Use of public toilets	Risk of separation from the group and interactions with strangers	<ul style="list-style-type: none"> ○ RAISE-AP staff accompany students to toilets when needed, ensuring privacy and supervision. ○ Choose facilities close to the track area for easy monitoring. - Set a designated meeting point outside toilets in case of separation, ensuring students understand regrouping protocols.
Separation or wandering	Risk of students straying from the group or entering restricted track or equipment areas	<ul style="list-style-type: none"> ○ RAISE-AP staff assess each child's suitability for the activity, considering their ability to follow boundaries and stay focused. ○ Use a buddy system, assigning each staff member to a small group of students for close supervision. ○ Follow the provider's rules regarding restricted areas, with boundaries clearly reviewed with students.
Extreme weather conditions	Risk of heatstroke, dehydration, hypothermia, or poor track conditions	<ul style="list-style-type: none"> ○ RAISE-AP staff decide on each child's suitability based on weather conditions and the child's ability to cope with heat, cold, or other factors. ○ Check the weather forecast and ensure students wear weather appropriate clothing, such as rain jackets, sun hats, or layers for warmth. ○ Schedule regular breaks in shaded or sheltered areas, encouraging hydration and monitoring for signs of weather-related discomfort or fatigue. ○
Students's potential behavioural issues	Risk of disruptive behaviour, leading to unsafe driving, collisions, or equipment misuse	<ul style="list-style-type: none"> ○ RAISE-AP staff assess each child's behavioural suitability for motorised activities, particularly their ability to follow instructions and engage safely. ○ Follow the provider's behavioural guidelines, with RAISE-AP staff providing close supervision and using positive reinforcement. ○ Staff are trained in de-escalation techniques to manage behavioural issues effectively.

Hazards	Risks	Safety Measures to Control Risks
PPE (Personal Protective Equipment)	Risk of serious injury from falls, collisions, or debris impact	<ul style="list-style-type: none"> External provider staff ensure all participants wear helmets, gloves, elbow and knee pads, and protective overalls, per provider's PPE guidelines. Conduct a pre-activity PPE check to verify proper fit, with both RAISE-AP and provider staff confirming that all PPE meets safety standards. RAISE-AP staff ensure students are comfortable in PPE, assisting with adjustments if needed.
Equipment checks and vehicle maintenance	Risk of injury from faulty vehicles, including issues with brakes, steering, or loose parts	<ul style="list-style-type: none"> Only allow students to use vehicles that are in safe, operable condition, with provider staff confirming vehicle safety. RAISE-AP staff monitor students during use and ensure that students report any issues with vehicles immediately.
Speed and track control	Risk of collisions, overturning, or loss of control at high speeds	<ul style="list-style-type: none"> External provider staff enforce speed limits and designate zones by skill level, with reduced speeds in turns and high-traffic areas. - RAISE-AP staff monitor driving behaviour, with authority to stop the session if any child poses a safety risk.
Loss of control of vehicle	Risk of injury from falls, collisions, or vehicle overturning	<ul style="list-style-type: none"> Ensure all quad bikes are equipped with a kill switch or safety lanyard that automatically cuts off the engine if the rider falls or loses control. -Provider staff enforce speed limits and ensure students understand safe control techniques. -Begin with basic manoeuvres, allowing increased speed only when students show control. -RAISE-AP staff monitor driving behaviour and are authorised to stop the session if safety concerns arise.
Interaction with other riders	Potential risk of collision or accidental contact with other riders on the track	<ul style="list-style-type: none"> External provider staff separate riders by age and ability where possible, organising staggered start times or designated lanes, as outlined in their risk assessment. Track marshals position themselves at key points to monitor distance between riders and prevent overcrowding. Students are instructed on safe overtaking, maintaining a safe distance, and avoiding aggressive or overly competitive driving.
Crowded or confined spaces	Risk of overstimulation, leading to distress or risky behaviour	<ul style="list-style-type: none"> RAISE-AP staff assess each child's suitability for motorised activities in busy environments to minimise overstimulation. Choose times when the facility is less crowded to allow more individual attention. Conduct frequent headcounts and remind students to remain in designated zones when off the track.

Hazards	Risks	Safety Measures to Control Risks
Fatigue or overexertion	Potential for tiredness, muscle strain, or reduced control due to prolonged activity	<ul style="list-style-type: none"> RAISE-AP staff determine each child's suitability for sustained activity, considering stamina and previous experience. - Schedule regular breaks, ensuring students have adequate time to rest and hydrate, especially if they are riding for an extended period. Provide water and healthy snacks to maintain energy levels and prevent overexertion.
Slips, trips, and falls in the staging area	Risk of injury from falls on uneven ground, slippery surfaces, or tripping over equipment	<ul style="list-style-type: none"> External provider ensures staging areas and paths are clear of obstacles, such as loose equipment, gravel, or spills. Conduct a pre-check of the area, identifying any hazards with both RAISE-AP and provider staff. Remind students to walk carefully and avoid running or roughhousing in the staging area
Emergency evacuation	Risk of confusion or distress if evacuation from the facility is required	<ul style="list-style-type: none"> External provider staff review emergency procedures and evacuation plans with RAISE-AP staff before beginning the activity, ensuring alignment on roles and exit routes. Identify and communicate emergency exits and safe meeting points at the start of the activity. RAISE-AP staff maintain a high staff-to-child ratio, supporting students during emergencies and keeping them with the group.

To be read in conjunction with the following:

- Student's Risk Assessments
- Participant Consent / Medical Information
- Emergency Action Plan Flow-Chart
- Provider Site Guidance

Reviewed: September 2025

Approved by: **RAISE-AP** Educational Directors, September 2025

Next Review Date: September 2027